



STIC Search Report

EIC 2800

STIC Database Tracking Number: 119908

TO: Jack Berman
Location: JEF- 2A01
Art Unit : 2881
Wednesday, April 21, 2004

Case Serial Number: 09/432984

From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Re: 09/432,984 US 5,696,375

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

**Thanks,
Darcy Bates**

 PALM INTRANETDay : Wednesday
Date: 4/21/2004
Time: 09:04:47

Application Number Information

Application Number: 09/432984 Assignments Examiner Number: 59199 / **BERMAN, JACK**
Filing Date: 11/02/1999 Group Art Unit: 2881
Effective Date: 11/02/1999 Class/Subclass: 250/287.000
Application Received: 11/02/1999 Lost Case: NO
Patent Number:
Issue Date: 00/00/0000 Interference Number:
Date of Abandonment: 00/00/0000 Unmatched Petition: NO
Attorney Docket Number: 140-032 L&R Code: Secrecy Code: 1
Status: 90 / ALLOWED -- NOTICE OF ALLOWANCE NOT YET MAILED Third Level Review: NO Secrecy Order: NO
Confirmation Number: 1878 Oral Hearing: NO Status Date: 09/25/2003
Title of Invention: MULTIDEFLECTOR

| Bar Code | PALM Location | Location Date | Charge to Loc | Charge to Name | Employee Name | Location |
|----------|---------------|---------------|---------------|----------------|----------------|-------------|
| 09432984 | 28U4 | 04/13/2004 | 28X1 | BERMAN, JACK | WESTIN, EDWARD | JEF/08/D 65 |

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Day : Wednesday
Date: 4/21/2004
Time: 09:05:23

 **PALM INTRANET**
Continuity Information for 09/432984

Parent Data

09432984
is a reissue of 08560396

Child Data

10351965 is a continuation of 09432984

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Day : Wednesday
Date: 4/21/2004
Time: 09:05:30

PALM INTRANET

Application Number Information

Application Number: 08/560396 Assignments

Examiner Number: 59199 / **BERMAN, JACK**

Filing Date: 11/17/1995

Group Art Unit: 2878

Effective Date: 11/17/1995

Class/Subclass: 250/287.000

Application Received: 11/17/1995

Lost Case: NO

Patent Number: 5696375

Interference Number:

Issue Date: 12/09/1997

Unmatched Petition: NO

Date of Abandonment: 00/00/0000

L&R Code: Secrecy Code:1

Attorney Docket Number: 140-012

Third Level Review: NO

Secrecy Order: NO

Status: **150 /PATENTED CASE**

Status Date: 03/21/2002

Confirmation Number: 6289

Oral Hearing: NO

Title of Invention: **MULTIDEFLECTOR**

| Bar Code | PALM Location | Location Date | Charge to Loc | Charge to Name | Employee Name | Location |
|----------|---------------|---------------|---------------|----------------|---------------|-------------|
| 08560396 | 28U4 | 04/13/2004 | 28X1 | BERMAN, JACK | WESTIN,EDWARD | JEF/08/D 65 |

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Time: 09:05:41

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Continuity Information for 08/560396

Parent Data

No Parent Data

Child Data

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10351965 is a continuation of 09432984

Continuity Data

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 PALM INTRANET

Day : Wednesday
Date: 4/21/2004
Time: 09:05:48

Application Number Information

Application Number: 10/351965 Assignments

Filing Date: 01/27/2003

Effective Date: 01/27/2003

Application Received: 01/28/2003

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: 140-091

Status: 18 /APPLICATION RETURNED BACK TO PREEEXAM

Confirmation Number: 6102

Title of Invention: MULTIDEFLECTOR

Examiner Number: 00000 /

Group Art Unit: 2878

IFW IMAGE

Class/Subclass: 250 / .

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code:1

Third Level Review: NO

Secrecy Order: NO

Status Date: 10/15/2003

Oral Hearing: NO

| Bar Code | PALM Location | Location Date | Charge to Loc | Charge to Name | Employee Name | Location |
|----------|---------------|---------------|---------------|----------------|---------------|----------|
|----------|---------------|---------------|---------------|----------------|---------------|----------|

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Time: 09:06:00

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Continuity Information for 10/351965

Parent Data

10351965

is a continuation of 09432984

Which is a reissue of 08560396

Child Data

No Child Data

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Litigation involving patent 5,696,375

Click on the docket number to view the docket.
Click on the above patent number to view the patent.

 Docket  Case Heading  Date Filed  Date Retrvd

There are no cases involving this patent number.

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents](#)



Terms: [patno=5696375](#) ([Edit Search](#))

560396 (08) 5696375 December 9, 1997

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5696375

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[Link to Claims Section](#)

December 9, 1997

Multideflector

EXPIRATION: December 9, 2001 - Dec. 9, 2001 due to failure to pay maintenance fees

March 22, 2002 - REINSTATED due to acceptance of delayed payment of maintenance fee (O.G. April 23, 2002)

REISSUE: Reissue Application filed Nov. 2, 1999 (O.G. May 2, 2000) Ex. Gp.: 3711; Re. S.N. 09/432,984, (O.G. May 2, 2000)
January 27, 2003 - Reissue Application filed Ex. Gp.: 2878; Re. S.N. 10/351,965 (O.G. April 22, 2003)

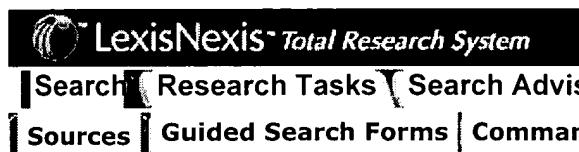
INVENTOR: Park, Melvin - Nashua, New Hampshire, United States (US); Koster, Claus - Lilienthal, Germany (DE)

APPL-NO: 560396 (08)

FILED-DATE: November 17, 1995

GRANTED-DATE: December 9, 1997

ASSIGNEE-AT-ISSUE: Bruker Analytical Instruments, Inc., Billerica, Massachusetts, United States (US), 02

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patno=5696375

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4/21/04

US 5,696,375

09/432984

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Selected file: PLUSPAT

Search statement 1

Query/Command : us5696375/pn

** SS 1: Results 1

Search statement 2

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5696375 A 19971209 [US5696375]
TI - (A) Multideflector
PA - (A) BRUKER ANALYTICAL INSTR INC (US)
PA0 - Bruker Analytical Instruments, Inc., Billerica MA [US]
IN - (A) PARK MELVIN (US); KOESTER CLAUS (DE)
AP - US56039695 19951117 [1995US-0560396]
PR - US56039695 19951117 [1995US-0560396]
IC - (A) H01J-049/28 H01J-049/40
EC - H01J-049/40
H01J-049/48C
ICO - T01J-249/40P2A
PCL - ORIGINAL (O) : 250287000; CROSS-REFERENCE (X) : 250294000
DT - Basic
CT - US5117107; US5194732
STG - (A) United States patent
AB - A method and apparatus to direct ions away from their otherwise intended or parallel course. Deflectors are used to establish electric fields in regions through which ions are to pass. With such electric fields, ions may be deflected to a desired trajectory. According to the present invention, a multideflector, in the form of a series of bipolar plates spaced evenly across the ion beam path, is used as an ion deflector.

1 / 1 LGST - @EPO
PN - US5696375 A 19971209 [US5696375]
AP - US56039695 19951117 [1995US-0560396]
ACT - 19980417 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: BRUKER ANALYTICAL INSTRUMENTS, INC. FORTUNE DRIVE,;
EFFECTIVE DATE: 19960328

19980417 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: PARK, MELVIN; EFFECTIVE DATE: 19960328

19980417 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: KOSTER, CLAUS; EFFECTIVE DATE: 19960330

20000502 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 19991102

4/21/04

US 5,696,375

09/432984

20020212 US/FP-A [-]
EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE
EFFECTIVE DATE: 20011209

20020423 US/PRDP-A [+]
PATENT REINSTATED DUE TO THE ACCEPTANCE OF A LATE MAINTENANCE FEE
EFFECTIVE DATE: 20020318

20030422 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030127

UP - 2003-22

1 / 1 CRXX - ©CLAIMS/RRX
AN - 2916736
PN - 5,696,375 A 19971209 [US5696375]
PA - Bruker Analytical Instruments Inc
PT - E (Electrical)
ACT - 19980417 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: PARK, MELVIN DATE SIGNED: 03/28/1996
KOSTER, CLAUS DATE SIGNED: 03/30/1996

Assignee: BRUKER ANALYTICAL INSTRUMENTS, INC. FORTUNE DRIVE,
MANNING PARK BILLERICA MASSACHUSETTS 01821

Reel 009131/Frame 0635

Contact: WARD & OLIVO JOHN W. OLIVO, JR. 708 THIRD AVENUE NEW
YORK, NY 10017

19991102 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20000502
REISSUE REQUEST NUMBER: 09/432984
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3711

Reissue Patent Number:

20020212 EXPIRED (20011209)

20020423 REINSTATED (20020322)

20030127 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20030422
REISSUE REQUEST NUMBER: 10/351965
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2878

Reissue Patent Number:

4/21/04

US 5,696,375

09/432984

UP - 1999-00
UACT- 2003-04-22

Query/Command : fam us5696375/pn

1 Patent Groups
** SS 2: Results 1

Search statement 3

Query/Command : famstate nonstop

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
PN - US5696375 A 19971209 [US5696375]
STG - (A) United States patent
TI - (A) Multideflector
PA - (A) BRUKER ANALYTICAL INSTR INC (US)
PA0 - Bruker Analytical Instruments, Inc., Billerica MA [US]
IN - (A) PARK MELVIN (US); KOESTER CLAUS (DE)
IC - (A) H01J-049/28 H01J-049/40
AP - US56039695 19951117 [1995US-0560396]
PR - US56039695 19951117 [1995US-0560396]
EC - H01J-049/40
H01J-049/48C
ICO - T01J-249/40P2A
PCL - ORIGINAL (O) : 250287000; CROSS-REFERENCE (X) : 250294000
DT - Basic

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PN - US5696375 A 19971209 [US5696375]
AP - US56039695 19951117 [1995US-0560396]
ACTE- 19980417 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: BRUKER ANALYTICAL INSTRUMENTS, INC. FORTUNE DRIVE,;
EFFECTIVE DATE: 19960328

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ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: PARK, MELVIN; EFFECTIVE DATE: 19960328

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ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: KOSTER, CLAUS; EFFECTIVE DATE: 19960330

20000502 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 19991102

20020212 US/FP-A [-]
EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE
EFFECTIVE DATE: 20011209

20020423 US/PRDP-A [+]
PATENT REINSTATED DUE TO THE ACCEPTANCE OF A LATE MAINTENANCE FEE
EFFECTIVE DATE: 20020318

20030422 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030127

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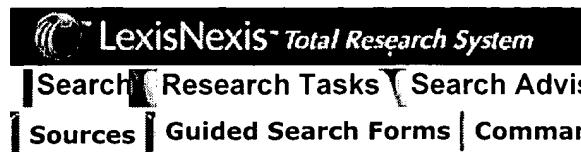
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